

Syllabus Avian Pathology

Avian pathology (3 CFU; 36 hours)			
<p>Aims of the course : the studente will be able to set up a biosecurity and vaccination plan in a poultry farm And will know the main diseases affecting poultry. These knowledges associated whit the skills that the student will gain during the professional practical training in avian pathology will make the student able to perform a clinical, post-mortem and laboratory diagnosis.</p>			
Lessons			
knowledges acquired	Issue	Specific contents	hours
<p>1. BIOSECURITY AND VACCINATION IN POULTRY (5 HOURS) [the student will acquire : a) basic knowledges on the biosecurity and vaccinaiton ; b) will be able top lan a biosecurity and vaccination plan in a poultry farm]</p>	Biosecurity	Structural, logistic and managment factors which will control the introduction and the spread of trasmissibile agents in poultry farms.	3
	Vaccination	Live and inactivated vaccines. Method for vaccines administration. Method to implement a vaccination plan.	2
<p>2. MAIN BACTERIAL DISEASE AFFECTING POULTRY (11 HOURS) [the student will acquire a) knowledges on the Etiology, epidemiology pathogenesis dignosis and control of each disese. b) ability to recognise the signs and the macroscopic (and some microscopic) lesions specific of the disease]</p>	Avian tuberculosis	Avian tuberculosis	1
	Colibacillosis	Colisepticaemia, colibacillosis in chicks and layers, coligranuloma . all the other disease caused in poultry by E.coli	2
	Avian salmonellosis	Pullorum disese Fowl tiphoid	1
		Arizoonosis, Paratyphoid infections	1
		Dignosis and control of salmonellosis in poultry	1
	Clostridial diseses	Necrotic enteritis, ulcerative enteritis , gangrenous dermatitis	1
	Pasteurellosis	Fowl colera, Riemerella anatipestifer and Ornitobacterium rinotrachaele infections.	1
	Micoplasmosis	Micoplasma gallisepticum, Micoplasma Synoviae, Micoplasma Meleagridis and Micoplasma lowe infections.	3

<p>3. PRINCIPALI MALATTIE VIRALI DEI VOLATILI DA REDDITO (TOT.16 ORE)</p> <p><i>the student will acquire</i></p> <p>a) <i>knowledges on the Etiology, epidemiology pathogenesis dignosis and control of heach disease</i></p> <p>b) <i>ability to recognise the signs and the macroscopic (and some microscopic) lesions specific of the disease]</i></p>	Viral Neoplastic diseases	Marek disease	2
		Avina Leucosis,	1
	Paramyxoviridae infections	Newcastle disease	3
		Avian metapneumovirus infections	1
	coronaviruses	Avian infectious bronchitis	2
	Immunosoppressive diseases	Gumboro disease	1
		Chicken Anemia	1
	INFECTIOUS Laringotracheitis	INFECTIOUS Laringotracheitis	1
	Fowl pox	Fowl pox	1
	Adenovirus infections	Haemorrhagic enteritis , Egg drop syndrom, other adenoviral infections	2
reovirus infections	Viral arthritis	1	
<p>4. MAIN PARASSITIC DISESES OF POULTRY (4 HOURS)</p> <p><i>the student will acquire for each parasitic disease</i></p> <p>a) <i>knowledges on the Etiology, epidemiology pathogenesis dignosis and control of heach parasitic disease</i></p> <p>b) <i>ability to recognise the signs and the macroscopic lesions</i></p> <p>a) <i>Ability to recognize the parasites involved</i></p>	Coccidiosis	Coccidiosis in poultry	2
	Outlines on dseases caused by protozoaa worms, mites and insects,	Histomoniasis, trochomoniasis Capillariasis, round worms, tapeworms, syngamosis. Red mite, mallophaga.	2